

Application No. 10/814,141

Docket No. 0630-1979P

REMARKS**Summary of the Office Action**

Claim 1 is objected to because the terms in lines 13 and 19 of claim 1 should be corrected to appropriate terms. Further, claims 1-3, 15, 16, 20, 21, and 23 are rejected under 35 U.S.C. §103(a) as being anticipated by Deane et al. (US 6,686,229) in view of Chae (US 2002/0135710).

Objections to claim 1

Terms in claim 1 objected by Examiner have been amended by the present Amendment to correct the deficiencies pointed out by the Examiner. Reconsideration and withdrawal of this objection are respectfully requested.

Summary of the Response to the Office Action

Claims 1 and 20 have been amended to more particularly point out and distinctly claim the subject matter which the Applicants regard as the invention. Further, claim 3 has been cancelled. Further, claim 24 has been added. Accordingly, claims 1-2, 15, 16, 20, 21, 23 and 24 are presently pending.

Rejection to 35 USC § 103(a)

Claims 1-3, 15, 16, 20, 21, and 23 are rejected under 35 U.S.C. §103(a) as being anticipated by Deane et al. in view of Chae.

Applicants respectfully traverse this rejection as being based on a reference that neither describes nor suggests the novel combination of features now recited independent claims 1 and 20, as amended. For example, independent claim 1 now recites, features, "providing a thermal transfer injection nozzle including a resist storing layer for storing an injected resist, a thin film resistor for heating a thin-deposited resist electrically, a vapor heated by the thin film resistor and injecting a resist, and an injection hole plate including an injection hole that injects a resist."

Applicants respectfully submit that Deane et al. in view of Chae fail to teach or suggest "providing a thermal transfer injection nozzle including a resist storing layer for storing an injected resist, a thin film resistor for heating a thin-deposited resist electrically, a vapor heated by the thin film resistor and injecting a resist, and an injection hole plate including an injection

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hole that injects a resist" as recited in amended independent claim 1.

For the above reason, Deane et al. in view of Chae fail to teach or suggest each and every feature recited in independent claim 1, as amended. Accordingly, Applicants respectfully request that the 35 U.S.C. § 103(a) rejection of claims 1 and 20, as amended, be withdrawn. Further, Applicants respectfully request that the 35 U.S.C. 103(a) rejections of dependent claims 2, 15, 16, 21 and 23 be withdrawn at least because of their dependence on independent claims 1 and 20, and for additional features that they recite.

New Claim 24 is in condition of Allowable

New independent claim 24 includes the features of "wherein the roller printing process includes providing a cliché on which a resist is deposited, contacting a roller with the cliché in which the resist is contained, rotating a roller on the cliché, to transfer the resist contained in the cliché onto a surface of the roller, and contacting the roller with the substrate and rotating on the substrate to re-transferring onto the surface of the roller."

Applicants respectfully submit that Deane et al. in view of Chae fail to teach or suggest "wherein the roller printing process includes providing a cliché on which a resist is deposited, contacting a roller with the cliché in which the resist is contained, rotating a roller on the cliché, to transfer the resist contained in the cliché onto a surface of the roller, and contacting the roller with the substrate and rotating on the substrate to re-transferring onto the surface of the roller," as recited in new independent claim 24. Accordingly, Applicants respectfully submit that new independent claim 24 is in condition for allowance.

CONCLUSION

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance.

The Examiner is respectfully requested to enter this Amendment After Final, in that it raises no new issues but merely places the claims in a form more clearly patentable over the references of record. In the alternative, the Examiner is respectfully requested to enter this Amendment After

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Final in that it reduces the issues for appeal.

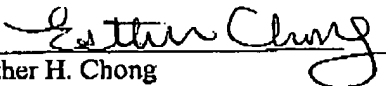
If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone Jun S. Ha, Registration No. 58,508, at (703) 205-8000, in the Washington, D.C. area.

Prompt and favorable consideration of this Amendment is respectfully requested.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

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Respectfully submitted,

By 

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